

United States Patent and Trademark Office



UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

APPLICATION NO.	FI	LING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO
10/507,318	(09/10/2004	Sven Bjorkgard	03438.0109	9062
22852	7590	12/11/2006		EXAM	INER
	I, HEND	ERSON, FARAB	SY, MARIANO ONG		
LLP 901 NEW YO	ORK AVE	ENUE, NW	ART UNIT	PAPER NUMBER	
		20001-4413	3683		

DATE MAILED: 12/11/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary Examiner Art Unit Art Uni			Application No.	Applicant(s)					
Mariano Sy - The MAILING DATE of this communication appears on the cover sheet with the correspondence address — Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. - If IVO period for reply is specified above, the maximum statutory period will apply and will specified use to the specified above, the maximum statutory period will apply and will specified use of the communication. - If IVO period for reply is specified above, the maximum statutory period will apply and will specified use of the sommunication. - If IVO period for reply is specified above, the maximum statutory period will apply and will specified use to the sommunication, when it tensy lifed, may reduce any search period for reply is specified above, the mailing date of this communication, when it tensy lifed, may reduce any search period for reply is specified above, the mailing date of this communication, when it tensy lifed, may reduce any search period for adjustment. See 37 CFR 1.704(s). Status 1) See Responsive to communication(s) filled on 13 October 2006 and 31 October 2006. 2a) This action is FINAL. 2b) This action is non-final. 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s)			10/507,318	BJORKGARD, SVEN					
— The MAILING DATE of this communication appears on the cover sheet with the correspondence address — Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. Edecision for time may be available under the provision of 57 CFR 1:36(a) in no event, hewever, may reply be timely field after 50 Kill (50 Kill) 15 km the mailing date of this communication, after 50 Kill (50 Kill) 15 km the mailing date of this communication after 50 Kill (50 Kill) 15 km the mailing date of this communication after 50 Kill (50 Kill) 15 km the mailing date of this communication, after 50 Kill (50 Kill) 15 km the mailing date of this communication, after 50 Kill (50 Kill) 15 km the mailing date of this communication, after 50 Kill (50 Kill) 15 km the mailing date of this communication, after 50 Kill (50 Kill) 15 km the mailing date of this communication, even if smelly filed, may reduce any certain part of the mailing date of this communication, even if smelly filed, may reduce any certain part of the mailing date of this communication, even if smelly filed, may reduce any certain part of the mailing date of this communication, even if smelly filed, may reduce any certain part of the mailing date of this communication. Status 1) □ Responsive to communication (s) filed on 13 October 2006 and 31 October 2006. 2a) ☑ This action is Filed. 2b) ☐ This action is non-final. 3 □ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) ☑ Claim(s) 1-15 is/are pending in the application, 4a) of the above claim(s) 1-15 is/are allowed. 5) ☐ Claim(s) 1-15 is/are pending in the application of the above date of the communication. 5) ☐ Claim(s) 1-15 is/are allowed. 6) ☑ Claim(s) 1-15 is/are allowed. 7) ☐ Claim(s) 1-15 is/are allowed. 10 ☐ The above Claim (s) 1-15		Office Action Summary	Examiner	Art Unit					
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. - Extraction of time may be available under the provisions of 37 CPR 1.13(a). In no world, however, may a rapy be timely filled. - Extraction of time may be available under the provisions of 37 CPR 1.13(a). In no world, however, may a rapy be timely filled. - If No period for welly a specified above, the maximum statutory period will apply and will expire all (s) MONTHS from the mailing date of this communication. - Fallule to repty whith the set or extended period for repty will by statutor, cause the application to become ABAHDONED (35 U.S.C. § 133). - Approxy provided by the Cifical intender bere maints and the three maining date of this communication. - Fallule to repty whith the set or extended period for repty will by statutor, cause the application to become ABAHDONED (35 U.S.C. § 133). - Approxy provided by the Cifical intender to the maining date of this communication. - Fallule to repty whith the set or extended period for repty will by statutor, cause the application to the communication. - Fallule to repty whith the set or extended period for repty will by statutor, cause the application to the communication. - Fallule to repty whith the set or extended period for repty will by statutor, cause the application to the set of the scale of th			Mariano Sy	3683					
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. Eatheristor of the many be available under the provisions of 37 CPR 1.13(6). In no week, now, are proby to timely fled Eatheristor of the many be to wailing under the provision of 37 CPR 1.13(6). In no week, now, any a reply be timely fled If NO period for reply is specified above, the maximum stabilatory period will apply and will expire 3K (6) MONTHS from the malling date of this communication. Part of the communication and provision of the communication and provision and the communication and provisions are provided by the Cflical later than three mainting share the making date of this communication, even if timely flied, may reduce any corner placeful to mainting date of these communication. Part of the communication and provision are considered and and any reduce any corner placeful to making date of this communication. Part of the communication are sufficient to making date of this communication. Part of the communication and provision are considered and any reduce any corner placeful to making date of this communication. Part of the communication and part of the communication and part of the communication. Part of the communication and any reduce any corner placeful to making date of this communication. Part of the communication and any reduce any corner placeful to making any reduce any corner placeful and any reduce any corner placeful and corner placeful any corner placeful and corner placeful any				correspondence address					
WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION. Edetailous of the may be saviable under the provision of 30° FR 1.13(a). In no avant, however, may a reply be timely fled of the FSX (6) MONTHS from the mailing date of this communication. H No period for reply is spacified down, the maximum stankory period will apply and vill expire SX (6) MONTHS from the mailing date of this communication. H No period for reply is applicated down, the maximum stankory period will apply and vill expire SX (6) MONTHS from the mailing date of this communication. Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any seared patient than adjustment. Sea 37 CFR 1.704(a). Status 1)	Period for	or Reply							
This action is FINAL. 2b) This action is non-final. 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4 Claim(s) 1-15 is/are pending in the application. 4a) Of the above claim(s) 6-15 is/are withdrawn from consideration. 4a) Of the above claim(s) 6-15 is/are withdrawn from consideration. 5 Claim(s)	WHIC - Exte after - If NC - Failt Any	CHEVER IS LONGER, FROM THE MAILING Dates in sign of time may be available under the provisions of 37 CFR 1.1 SIX (6) MONTHS from the mailing date of this communication. Operiod for reply is specified above, the maximum statutory period vare to reply within the set or extended period for reply will, by statute reply received by the Office later than three months after the mailing	ATE OF THIS COMMUNICATION 36(a). In no event, however, may a reply be tin will apply and will expire SIX (6) MONTHS from a cause the application to become ABANDONE	N. nely filed the mailing date of this communication. ED (35 U.S.C. § 133).					
2a) ☐ This action is FINAL. 2b ☐ This action is non-final. 3 ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4 ☐ Claim(s) 1-15 is/are pending in the application. 4a) Of the above claim(s) 6-15 is/are withdrawn from consideration. 5 ☐ Claim(s)	Status			·					
2a) ☐ This action is FINAL. 2b ☐ This action is non-final. 3 ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4 ☐ Claim(s) 1-15 is/are pending in the application. 4a) Of the above claim(s) 6-15 is/are withdrawn from consideration. 5 ☐ Claim(s)	1)	Responsive to communication(s) filed on 13 O	october 2006 and 31 October 200	6					
3 Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4 Claim(s) 1-15 is/are pending in the application. 4a) Of the above claim(s) 6-15 is/are withdrawn from consideration. 5 Claim(s) is/are allowed. 6 Claim(s) is/are objected to. 8 Claim(s) is/are objected to. 8 Claim(s) is/are objected to possible to restriction and/or election requirement. Application Papers 9 The specification is objected to by the Examiner. 10 The drawing(s) filed on 13 October 2006 is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11 The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12 Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some *c None of: 1 Certified copies of the priority documents have been received. 2 Certified copies of the priority documents have been received in Application No 3 Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). *See the attached detailed Office action for a list of the certified copies not received. Attachment(e) Notice of References Cited (PTO-892) Paper Note) Mail Date	•—			⊻.					
closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) Claim(s) 1-15 is/are pending in the application. 4a) Of the above claim(s) 6-15 is/are withdrawn from consideration. 5) Claim(s) is/are allowed. 6) Claim(s) is/are rejected. 7) Claim(s) is/are rejected to. 8) Claim(s) are subject to restriction and/or election requirement. Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on 13 October 2006 is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) Notice of References Cited (PTO-892) 20 Notice of Oraftsperson's Patent Drawing Review (PTO-948) 3) Notice of Informal Patent Application	=	<i>,</i> —							
4) ☐ Claim(s) 1-15 is/are pending in the application. 4a) Of the above claim(s) 6-15 is/are withdrawn from consideration. 5) ☐ Claim(s) is/are allowed. 6) ☐ Claim(s) is/are objected to. 7) ☐ Claim(s) is/are objected to. 8) ☐ Claim(s) are subject to restriction and/or election requirement. Application Papers 9) ☐ The specification is objected to by the Examiner. 10) ☒ The drawing(s) filed on 13 October 2006 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) ☐ All b) ☐ Some * c) ☐ None of: 1. ☐ Certified copies of the priority documents have been received. 2. ☐ Certified copies of the priority documents have been received in Application No 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1 ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date Paper No(s)/Mail D	,—		•						
4a) Of the above claim(s) 6.15 is/are withdrawn from consideration. 5) □ Claim(s) □ is/are allowed. 6) □ Claim(s) 1.5 is/are rejected. 7) □ Claim(s) □ is/are objected to. 8) □ Claim(s) □ are subject to restriction and/or election requirement. Application Papers 9) □ The specification is objected to by the Examiner. 10) ☑ The drawing(s) filed on 13 October 2006 is/are: a) ☑ accepted or b) □ objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) □ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) □ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) □ All b) □ Some * c) □ None of: 1. □ Certified copies of the priority documents have been received. 2. □ Certified copies of the priority documents have been received in Application No. □ . 3. □ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received.	Disposit	ion of Claims							
4a) Of the above claim(s) 6.15 is/are withdrawn from consideration. 5) □ Claim(s) □ is/are allowed. 6) □ Claim(s) 1.5 is/are rejected. 7) □ Claim(s) □ is/are objected to. 8) □ Claim(s) □ are subject to restriction and/or election requirement. Application Papers 9) □ The specification is objected to by the Examiner. 10) ☑ The drawing(s) filed on 13 October 2006 is/are: a) ☑ accepted or b) □ objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) □ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) □ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) □ All b) □ Some * c) □ None of: 1. □ Certified copies of the priority documents have been received. 2. □ Certified copies of the priority documents have been received in Application No. □ . 3. □ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received.	· _								
5) □ Claim(s) is/are allowed. 6) □ Claim(s) is/are rejected. 7) □ Claim(s) is/are objected to. 8) □ Claim(s) is/are objected to. 8) □ Claim(s) is/are objected to pertriction and/or election requirement. Application Papers 9) □ The specification is objected to by the Examiner. 10) □ The drawing(s) filed on 3October_2006 is/are: a) □ accepted or b) □ objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) □ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) □ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) □ All b) □ Some * c) □ None of: 1. □ Certified copies of the priority documents have been received. 2. □ Certified copies of the priority documents have been received in Application No 3. □ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1 □ Notice of Partsperson's Patent Drawing Review (PTO-948) 3 □ Information Disclosure Statement(s) (PTO/SB/08) 5 □ Notice of Informal Patent Application	٠,٢								
7) Claim(s) is/are objected to. 8) Claim(s) are subject to restriction and/or election requirement. Application Papers 9) The specification is objected to by the Examiner. 10) The drawing(s) filed on 13 October 2006 is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 10 Notice of Portstsperson's Patent Drawing Review (PTO-948) 30 Notice of Informal Patent Application	5)[
Application Papers 9) The specification is objected to by the Examiner. 10) The specification is objected to by the Examiner. 10) The drawing(s) filed on 13 October 2006 is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Review (PTO-948) 30 Information Disclosure Statement(s) (PTO/SB/08) 5) Notice of Informal Patent Application	6)⊠								
Application Papers 9) ☐ The specification is objected to by the Examiner. 10) ☒ The drawing(s) filed on 13 October 2006 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) ☐ All b) ☐ Some * c) ☐ None of: 1. ☐ Certified copies of the priority documents have been received. 2. ☐ Certified copies of the priority documents have been received in Application No 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) ☐ Notice of References Cited (PTO-892) 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) ☐ Information Disclosure Statement(s) (PTO/SB/08) 5) ☐ Notice of Informal Patent Application	7)	Claim(s) is/are objected to.							
9) The specification is objected to by the Examiner. 10) The drawing(s) filed on 13 October 2006 is/are: a) accepted or b) objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 10 Notice of References Cited (PTO-892) 21 Notice of Draftsperson's Patent Drawing Review (PTO-948) 32 Notice of Informal Patent Application	8)[Claim(s) are subject to restriction and/o	r election requirement.						
10) ☐ The drawing(s) filed on 13 October 2006 is/are: a) ☐ accepted or b) ☐ objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) ☐ All b) ☐ Some * c) ☐ None of: 1. ☐ Certified copies of the priority documents have been received. 2. ☐ Certified copies of the priority documents have been received in Application No 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 10 ☐ Notice of References Cited (PTO-892) 21 ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 32 ☐ Information Disclosure Statement(s) (PTO/SB/08) 53 ☐ Notice of Informal Patent Application	Applicat	ion Papers							
10) ☐ The drawing(s) filed on 13 October 2006 is/are: a) ☐ accepted or b) ☐ objected to by the Examiner. Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) ☐ All b) ☐ Some * c) ☐ None of: 1. ☐ Certified copies of the priority documents have been received. 2. ☐ Certified copies of the priority documents have been received in Application No 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 10 ☐ Notice of References Cited (PTO-892) 21 ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 32 ☐ Information Disclosure Statement(s) (PTO/SB/08) 53 ☐ Notice of Informal Patent Application	9)[]	The specification is objected to by the Examine	vr	·					
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a). Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08) 5) Notice of Informal Patent Application		•		I to by the Examiner					
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08) 5) Notice of Informal Patent Application	,—			· · · · · ·					
11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152. Priority under 35 U.S.C. § 119 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some column None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No. 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) Notice of References Cited (PTO-892) 20 Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08) 5) Notice of Informal Patent Application			- · · ·						
12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08) 5) Notice of Informal Patent Application	11)								
a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) Notice of References Cited (PTO-892)	Priority ι	under 35 U.S.C. § 119							
1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08) 5) Notice of Informal Patent Application			priority under 35 U.S.C. § 119(a))-(d) or (f).					
2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08) 5) Notice of Informal Patent Application	a)								
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08) 5) Notice of Informal Patent Application									
application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. *Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08) * See the attached detailed Office action for a list of the certified copies not received. 4) Interview Summary (PTO-413) Paper No(s)/Mail Date. 5) Notice of Informal Patent Application									
* See the attached detailed Office action for a list of the certified copies not received. *Attachment(s) 1)				∌d in this National Stage					
Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08) 4) Interview Summary (PTO-413) Paper No(s)/Mail Date. 5) Notice of Informal Patent Application	* c			and .					
1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08) 4) Interview Summary (PTO-413) Paper No(s)/Mail Date. 5) Notice of Informal Patent Application		see the attached detailed Office action for a list	or the certified copies not receive	·u.					
1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08) 4) Interview Summary (PTO-413) Paper No(s)/Mail Date. 5) Notice of Informal Patent Application									
2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08) 5) Paper No(s)/Mail Date Notice of Informal Patent Application	Attachmen	t(s)		•					
3) Information Disclosure Statement(s) (PTO/SB/08) 5) Notice of Informal Patent Application									
			_						
			The second secon	a.a ppiioaaoli					

Application/Control Number: 10/507,318

Art Unit: 3683

DETAILED ACTION

Page 2

1. The amendment filed on October 13, 2006 has been received.

2. Newly submitted claims 6-15 in the Supplemental Amendment filed on October 31, 2006 are directed to an invention that is independent or distinct from the invention originally claimed for the following reasons: the coupling device recited in claims 6-15 can be any type of coupling device since Applicant failed to use the coupling device as recited in claim 1. Claims 6-15 are also claiming two arms for vehicle

coupling device, by itself, is classified under class 267, subclass 141.3.

wheel axle suspension are classified under class 280, subclass 124.11; and the

Since applicant has received an action on the merits for the originally presented invention, this invention has been constructively elected by original presentation for prosecution on the merits. Accordingly, claims 6-15 are withdrawn from consideration as being directed to a non-elected invention. See 37 CFR 1.142(b) and MPEP § 821.03.

3. Claim 1 is objected to because of the following informalities:

Claim 1, line 4 "a axial" should be --an axial--.

Appropriate correction is required.

Claim Rejections - 35 USC § 103

Application/Control Number: 10/507,318 Page 3

Art Unit: 3683

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

- (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- 5. Claims 1, 4, and 5 are rejected under 35 U.S.C. 103(a) as being unpatentable over Brenner et al. (US 4,671,694).

Re-claims 1, 4, and 5 Brenner et al. disclosed, as shown in fig. 2, a coupling for resilient interconnection of two objects comprising an internal coupling device having a supporting piece 11which extends in an axial direction and has an axial supporting piece portion, a rubber-elastic element 2 which is arranged around the supporting piece portion and has an outer surface extending parallel to the axial direction and two end surfaces extending substantially radially to the axial direction, and an external coupling device 1 comprising a tubular wall portion and cup-shaped abutment members are arranged to abut against end surfaces of the rubber-elastic element for axial compression thereof, wherein between the tubular wall portion and the rubber-elastic element, an axially extending sleeve 3 is mounted for relatively centering of the abutment members; wherein the rubber-elastic element is securely connected to the supporting piece; and wherein the sleeve is securely connected to the rubber-elastic element over a part of its length.

However Brenner et al. failed to disclose the external device is made of two parts.

Application/Control Number: 10/507,318

Art Unit: 3683

It would have been obvious to one of ordinary skill in the art to modify the external device of Brenner et al. to be made of two parts instead of one part as a matter of design choice, in order to ease manufacturing.

6. Claims 2 and 3 are rejected under 35 U.S.C. 103(a) as being unpatentable over Brenner et al. in view of Sprang et al. (US 5,340,220).

Re-claims 2 and 3 Brenner et al. failed to disclose wherein between the abutment members and the end surface of the rubber-elastic elements an annular disc is securely mounted to the rubber-elastic element.

Sprang et al. teaches, as shown in fig. 1-5, the use of annular disc 4, 5 in a coupling.

It would have been obvious to one of ordinary skill in the art t modify the coupling device of Brenner et al. with the known annular disc, as taught by Sprang et al., in order to add strength to the abutment members of the coupling device.

- 7. Applicant's arguments with respect to claim 1 have been considered but are moot in view of the new ground(s) of rejection.
- 8. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mariano Sy whose telephone number is 571-272-7126. The examiner can normally be reached on Mon.-Fri. from 8:30 A.M. to 2:30 P.M.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James McClellan, can be reached on 571-272-6786. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

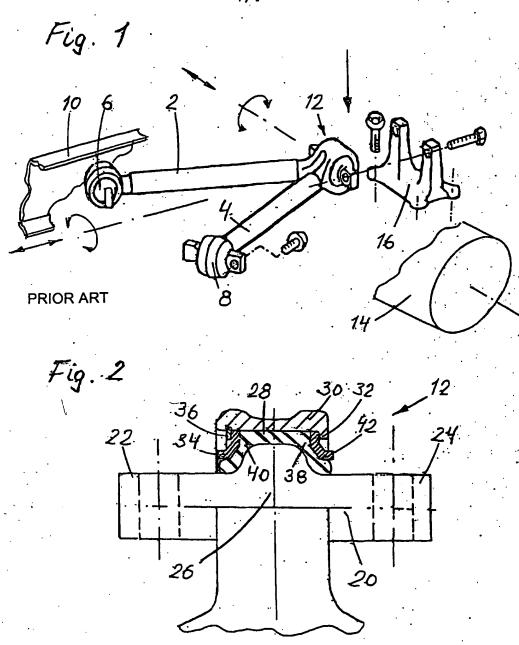
Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Art Unit: 3683

M. Sy

November 27, 2006

PATENT EXAMINER



PRIOR ART